BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2016-17/OW/WORK_INDENT24442

APPROVED SCHEDULE - B

No. EE/BTP/BBMP/E-PMT/20/2016-17, Date: 12.01.2017

Maintenance of Existing Borewells only for Drilled and Maintenance by BBMP In ward No. 05 surrounding area Byatarayanaupra Sub Division

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of H V NAGARAJ	
				In Figures	In Words
1	1980	Lifting of Submersible pump set as per Soecification and direction	Each	114.0	Rupees One Hundred Fourteen Only
2	22	Transportation of pumping machineries	Each	940.0	Rupees Nine Hundred Forty Only
3	22	Labour charges (over hauling)	Job	574.0	Rupees Five Hundred Seventy Four Only
4	7	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. (Above 10 HP upto 20 HP add Rs.150/- for every ½ HP) 12.5HP	No.	4963.0	Rupees Four Thousand Nine Hundred Sixty Three Only
5	15	15 HP	No.	5747.0	Rupees Five Thousand Seven Hundred Forty Seven Only
6	22	Starter (with one year Guarantee)	No.	5277.0	Rupees Five Thousand Two Hundred Seventy Seven Only
7	22	Rotor (with one year Guarantee)	No.	4911.0	Rupees Four Thousand Nine Hundred Eleven Only
8	195	Pump Bowls	No.	732.0	Rupees Seven Hundred Thirty Two Only
9	20	Intermediate Piece (I.P) With IP Leaded Bronxe bush	No.	470.0	Rupees Four Hundred Seventy Only
10	22	Upper Flange	No.	365.0	Rupees Three Hundred Sixty Five Only
11	22	Lower Housing	No.	679.0	Rupees Six Hundred Seventy Nine Only
12	22	Carbon Housing	No.	496.0	Rupees Four Hundred Ninety Six Only
13	22	Thrust bearing block assembly complete with Segment bearing pad.	No.	1201.0	Rupees One Thousand Two Hundred One Only
14	22	Oil Seal	No.	130.0	Rupees One Hundred Thirty Only
15	22	Oil Seal Steel Bush	No.	156.0	Rupees One Hundred Fifty Six Only
16	100	Guide vane	No.	183.0	Rupees One Hundred Eighty Three Only
17	22	Impeller Shell moulded with aluminium Bronze)	No.	444.0	Rupees Four Hundred Forty Four Only
18	40	Discharge outlet (D.O) Bearing D.O Steel Bush	No.	465.0	Rupees Four Hundred Sixty Five Only
19	40	D.O Bearing	No.	298.0	Rupees Two Hundred Ninety Eight Only
20	150	Steel Bush	No.	157.0	Rupees One Hundred Fifty Seven Only
21	175	Allen Screw	No.	26.0	Rupees Twenty Six Only
22	22	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	No.	993.0	Rupees Nine Hundred Ninety Three Only
23	22	Pump Key (Stainless Steel)	No.	130.0	Rupees One Hundred Thirty Only
24	22	Pump Couping (Stainless Steel)	No.	261.0	Rupees Two Hundred Sixty One Only
25	15	Non – return valve (NRV) assembly complete with rubber 'O' Ring	No.	1410.0	Rupees One Thousand Four Hundred Ten Only
26	22	Cable Guard	No.	156.0	Rupees One Hundred Fifty Six Only
27	22	Strainer	No.	156.0	Rupees One Hundred Fifty Six Only

Signature of the contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of H V NAGARAJ	
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28	22	Brass Filter	No.	261.0	Rupees Two Hundred Sixty One Only
29	22	Labour Chargesw (Over Hauling Only)	No.	581.0	Rupees Five Hundred Eighty One Only
30	20	Re-erection charges of pumping machineries including overhauling and pointing	Each	993.0	Rupees Nine Hundred Ninety Three Only
31	30	Lock Ring	Each	88.0	Rupees Eighty Eight Only
32	20	a) Carbon Housing	Each	496.0	Rupees Four Hundred Ninety Six Only
33	20	Top Carbon/Ferrodo padding	Each	156.0	Rupees One Hundred Fifty Six Only
34	100	Stud and Nuts	Each	52.0	Rupees Fifty Two Only
35	20	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush	Each	418.0	Rupees Four Hundred Eighteen Only
36	50	Circillps	Each	52.0	Rupees Fifty Two Only
37	20	Motor Base With Pin	Each	496.0	Rupees Four Hundred Ninety Six Only
38	2	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000 HP 25 stage	No	74215.0	Rupees Seventy Four Thousand Two Hundred Fifteen Only
39	4	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.	15466.0	Rupees Fifteen Thousand Four Hundred Sixty Six Only
40	88000	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm	Sqm	0.35	and Thirty Five Paise Only
41	400	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. 4 Sqm mm of 56 strands 0.3mm dia Group - A	Mtr	193.0	Rupees One Hundred Ninety Three Only
42	30	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve.	No.	1672.0	Rupees One Thousand Six Hundred Seventy Two Only
43	30	Providing and fixing of 50mm GI bend to motor	No.	242.0	Rupees Two Hundred Forty Two Only
44	30	Providing and fixing of 50mm GI Nipple to motor	No.	115.0	Rupees One Hundred Fifteen Only
45	30	Providing and fixing of 50mm GI union to the motor ((PWD SR 2015-16, P.NO.XXXVIII GI FITTINGS TABLE)	No.	247.0	Rupees Two Hundred Forty Seven Only

Signature of the contractor

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of H V NAGARAJ	
				In Figures	In Words
46	50.63	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications	Cum	209.0	Rupees Two Hundred Nine Only
47	150	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete	Mtr	385.0	Rupees Three Hundred Eighty Five Only
48	50.63	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications	Cum	85.0	Rupees Eighty Five Only
49	11	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	2273.0	Rupees Two Thousand Two Hundred Seventy Three Only
50	1300	Threading of GI Pipes 50mm Dia	Each	26.0	Rupees Twenty Six Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92